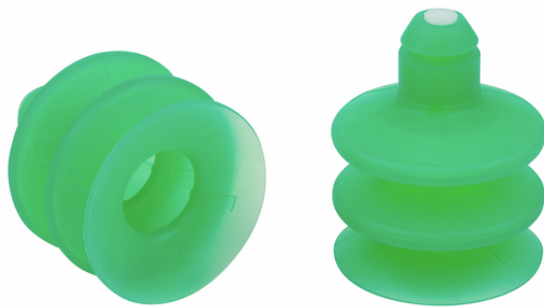




SPB2 40 SI-55 SW150 P

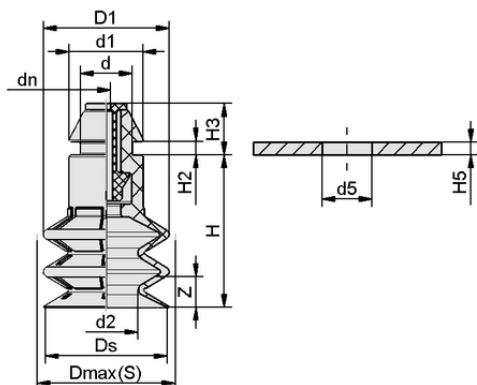
Bellows suction cup SPB2 P is delivered as a ready-to-connect component. Available in different diameters.

Available spare parts: suction cup SPB2 P, flow restrictor  
Available accessories: filter disc

## Technical data

| Attribute                   | Value        |
|-----------------------------|--------------|
| Suction cup material        | Silicone SI  |
| Material hardness [Shore A] | 55.0 Shore A |
| Size                        | 40.00        |
| Height H                    | 47.00 mm     |

## Design data



Design data SPB2 40 SI-55 SW150 P

| Attribute            | Value    |
|----------------------|----------|
| Height H2            | 2.20 mm  |
| Height H             | 47.00 mm |
| Outside diameter D1  | 43.5 mm  |
| Nominal diameter dn  | 1.50 mm  |
| Internal diameter d1 | 15.7 mm  |
| d2                   | 17.8 mm  |
| Internal diameter d  | 12.50 mm |
| Spring stroke Z      | 20.0 mm  |
| Diameter Ds          | 42.7 mm  |
| Height H3            | 8.20 mm  |
| Height H5            | 2.00 mm  |
| Diameter Dmax(S)     | 44.6 mm  |
| Hole size d5         | 11.5 mm  |

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**Technical data**

| Attribute                      | Value                  |
|--------------------------------|------------------------|
| Suction cup material           | Silicone SI            |
| Material hardness [Shore A]    | 55.0 Shore A           |
| Workpiece radius min. (convex) | 75.0 mm                |
| Pull-off force                 | 40.00 N                |
| Suction force (-600mbar)       | 14.90 N                |
| Weight                         | 18.50 g                |
| Volume                         | 22.000 cm <sup>3</sup> |
| Size                           | 40.00                  |
| Number of folds                | 2.5                    |
| Product family                 | SPB2                   |

Note: Suction force: The suction force values are theoretical values at -0.6 bar vacuum and a dry, smooth and even workpiece surface – they are specified without safety factors. Hose inner diameter: The recommended hose diameter refers to a hose length of approx. 2 m

**Further documentation**

CAD data and other documents relating to the article can be found at: [www.schmalz.com/10.01.06.03227](http://www.schmalz.com/10.01.06.03227)

**Ordering Data Accessories 10.01.06.03227**

| Typ         | Item number    |
|-------------|----------------|
| Filter disc | FD 34 120      |
|             | 10.01.06.02572 |

**Ordering Data Spare Parts 10.01.06.03227**

| Typ             | Item number    |
|-----------------|----------------|
| Flow resistance | SW 150 P 7.3   |
|                 | 10.05.04.00093 |

**Ordering Data Wear Parts 10.01.06.03227**

| Typ                         | Item number     |
|-----------------------------|-----------------|
| Bellows suction cup (round) | SPB2 40 SI-55 P |
|                             | 10.01.06.03126  |

